

## CLAIMS

## I Claim:

- 1           1. An electronic instrument comprising:
  - 2           a display for displaying a signal waveform;
  - 3           a pointing device that allows a user to select locations on the display;
  - 4   and,
  - 5           logic within the electronic instrument that adjusts values for a
  - 6   selected parameter of the displayed signal waveform based on locations on
  - 7   the display selected by the user using the pointing device.
- 1           2. An electronic instrument as in claim 1 wherein the pointing device
  - 2   is at least one of the following:
    - 3           a mouse;
    - 4           a trackball;
    - 5           a touchpad;
    - 6           a touchscreen;
    - 7           cursor keys.
- 1           3. An electronic instrument as in claim 1 wherein the selected
  - 2   parameter is at least one of the following:
    - 3           start location;
    - 4           stop location;
    - 5           center location;
    - 6           displayed span;
    - 7           zoom in;

8 zoom out;  
9 trace marker;  
10 peak marker;  
11 threshold level;  
12 full span.

1 4. An electronic instrument as in claim 1 additionally comprising:  
2 a menu displayable on the display that lists possible selected  
3 parameters.

1 5. An electronic instrument as in claim 1 additionally comprising:  
2 a menu displayable on the display that allows the user to select  
3 parameters.

1 6. An electronic instrument as in claim 1 additionally comprising:  
2 a pull down menu displayable on the display that allows the user to  
3 select parameters.

1 7. An electronic instrument as in claim 1 additionally comprising:  
2 a pull down menu displayable on the display that allows the user to  
3 select parameters, the pull down menu, when closed, displaying the selected  
4 parameter.

1           8. An electronic device as in claim 1 wherein the logic adjusts values  
2 for the selected parameter of the displayed signal waveform as the user  
3 makes a dragging selection using the pointing device.

1           9. A method comprising:  
2           (a) displaying a signal waveform on a display; and,  
3           (b) performing the following substep in response to a user using a  
4 pointing device to select a location on the display:  
5           (b.1) adjusting values for a selected parameter of the displayed  
6 signal waveform based on locations on the display selected by the user using  
7 the pointing device.

1           10. A method as in claim 9 wherein in step (b) the pointing device is at  
2 least one of the following:  
3           a mouse;  
4           a trackball;  
5           a touchpad;  
6           a touchscreen;  
7           cursor keys.

1           11. A method as in claim 9 wherein in substep (b.1) the selected  
2 parameter is at least one of the following:  
3           start location;  
4           stop location;  
5           center location;

6 displayed span;  
7 zoom in;  
8 zoom out;  
9 trace marker;  
10 peak marker;  
11 threshold level;  
12 full span.

1 12. A method as in claim 9 additionally comprising:  
2 displaying a menu that lists possible selected parameters.

1 13. A method as in claim 9 additionally comprising:  
2 displaying a menu that lists possible selected parameters; and,  
3 changing the selected parameter in response to a user selection.

1 14. A method as in claim 9 additionally comprising:  
2 displaying a pull down menu that lists possible selected parameters;  
3 and,  
4 in response to a user selection, changing the selected parameter; and,  
5 displaying the selected parameter upon the pull down menu being  
6 closed.

1 15. A method as in claim 9 additionally comprising:  
2 adjusting values for the selected parameter of the displayed signal  
3 waveform as the user makes a dragging selection using the pointing device.

1           16. Storage media for storing software which when run on a device  
2 that has computing capability performs a method comprising:

3           (a) displaying a signal waveform on a display; and,

4           (b) performing the following substep in response to a user using a  
5 pointing device to select a location on the display:

6                 (b.1) adjusting values for a selected parameter of the displayed  
7 signal waveform based on locations on the display selected by the user using  
8 the pointing device.

1           17. Storage media as in claim 16 wherein in step (b) the pointing  
2 device is at least one of the following:

3           a mouse;

4           a trackball;

5           a touchpad;

6           a touchscreen;

7           cursor keys.

1           18. Storage media as in claim 16 wherein in substep (b.1) the selected  
2 parameter is at least one of the following:

3           start location;

4           stop location;

5           center location;

6           displayed span;

7           zoom in;

8 zoom out;  
9 trace marker;  
10 peak marker;  
11 threshold level;  
12 full span.

1 19. Storage media as in claim 16 wherein the method additionally  
2 comprises:

3 displaying a menu that lists possible selected parameters; and,  
4 changing the selected parameter in response to a user selection.

1 20. Storage media as in claim 16 wherein the method additionally  
2 comprises:

3 adjusting values for the selected parameter of the displayed signal  
4 waveform as the user makes a dragging selection using the pointing device.